Application

Call	NRF Postdoctoral Grants
Call Start Date	17 February 2025
Call End Date	30 April 2025
Reference	PSTD250411310291
Title	Mr
Initials	ts
Name	tshingombe tshingombe
Email	tshingombefiston@gmail.com
ID/Passport Number	tircgog0091616
Race	African
Gender	Male
Citizenship	Non-South African citizen
Organisation	South African Qualifications Authority (SAQA)
Birth Date	10 October 1982
Date Generated	04 December 2025 09:36

Table Of Contents

Personal Profile

Qualifications/Certifications

Career History

Research Expertise

- Scientific Domain
- Primary Research Fields
- Secondary Research Fields
- Field Of Specialisation

Research Outputs

- Summary

Articles in Refereed/Peer-reviewed Journals
Refereed/Peer-reviewed Conference Outputs
Student Supervision
Patents
Fellowship To Be Funded
Basic Information
Additional Information
Ethical Clearance
Details of Research
National Infrastructure Platform
Science Engagement
Application Support Input
Attachments
Reviewer
Preferred Panel
Funding History
Other Sources of Funding

CV

Personal Profile

ID/Passport Number tircgog0091616	Citizenship Status Non-South African citizen
Country Of Birth Democratic Republic of Congo	Current Country Democratic Republic of Congo
Institution South African Qualifications Authority (SAQA)	Position/Delegation engineering
Race African	Identity Type Passport Number
Gender Male	Identity Document My CV _ NRF Connect orcide tshingombe.pdf
Institution Country Democratic Republic of Congo	Passport Expiry 23-Apr-2026 12:00:00 AM
Research Expertise Curriculum Policy and Management	Research Expertise Type Field of Specialisation

Qualifications/Certifications

Academic Level of Qualification Bachelors	Study Fields Energy studies
Name Of Degree/Diploma (e.g. PhD) engineering	Institution South African Qualifications Authority (SAQA)
Fulltime Yes	Distinction N/A
Date of First Registration 2024-03-14	Completed Yes
Highest Qualification Yes	Date Obtained 2025-04-11
Academic Record/Transcript Professional Resume_CV - Atlantic International University 2.pdf	

Career History

Type Permanent appointment	Position engineering electrical
Organisation enginering electrical	Sector Higher Education Sector
Is Current Yes	Appointed From 2025-04-14

Type Awards and prizes	Sector Higher Education Sector
Description saqa award degree diploma	

Type Awards and prizes	Sector Higher Education Sector
Description engineering electrical science	

Research Expertise

Scientific Domain

Engineering

Primary Research Fields

Engineering sciences	Technologies and applied sciences

Secondary Research Fields

Electrical Engineering	Education
Information and library science	

Field Of Specialisation

African environment	Additive manufacturing
Industrial and economic sociology	Analytical Environmental Chemistry
Applied Chemistry - Membrane Technology	Nanostructured materials and packaging
Materials science and Engineering	4th Industrial Revolution in the Construction Industry
Structural Geology	African oral literature

Research Outputs

Summary

	2025	2024	2023	2022	2021	2020	2019	2018	2017	Total
Articles in Refereed/Peer-reviewed Journals	0	0	0	0	1	0	0	0	0	1

Articles in Refereed/Peer-reviewed Journals

Output Title
Conservative and Semismooth Derivatives are Equivalent for Semialgebraic Maps

Title of Journal Set-Valued and Variational Analysis	Authors Damek Davis, Dmitriy Drusvyatskiy
Status Published/produced	Year 2021
DOI 10.1007/s11228-021-00594-0	

Output Title
master education technology rural implentation framework

ISBN Number 520-03-123456	Title of Journal master education technology rural career thes
Volume 1900	Authors tshingombe
Status Attended	Publisher atlantic

DOI
research thesist master doctoral

Refereed/Peer-reviewed Conference Outputs

Output Title
https://github.com/Kananga5/Curriculum-section-1-1.1-Thesis.-Degree-honor-council-quality-rules-low-become-justice

ISBN Number 520	Contribution Title engineering ts
Proceeding Title research thesis	Authors tshingombe tshitadi
Status Attended	Country USA

Student Supervision

Title Mr	Initials tsh
Surname tshingombe	Citizenship Status South African citizen
Race African	Gender Man
Institution South African Qualifications Authority (SAQA)	Level Honours
Name Of Degree/Diploma (e.g. PhD) tshingmbe	Is Fulltime Yes
Supervised From 2025	Supervised To 2025
Role Supervisor	Year First Registration 2023
Is Completed Yes	Year Awarded 2025

Patents

Application Date 2025-04-14	Application Number 520520
Full Title engineering master doctoral	

Grant Date	Grant Number
2025-04-14	520520

Description
engineering rural master doctoral

Inventor

Poster
_____ 4.1 .12.1.Name of thesis : implementation and framework national qualification and national trade examination circulum experimental job theoretical pratical college and govern

Application Type	Region
Continuing Application	South Africa

Status
Granted

Application Date	Application Number
2025-09-15	30

Full Title

AUTHORY: TSHINGOMBE TSHITADI
CURRICULUM

Career Discovery Overview: RNF, AIU, NSF Learning Journey within the National Trade Framework Qualification in Electrical Engineering
Author: Tshingombe Tshitadi Fiston
ABSTRACT

Grant Date	Grant Number
2025-09-15	2

Description

AUTHORY: TSHINGOMBE TSHITADI
CURRICULUM

Career Discovery Overview: RNF, AIU, NSF Learning Journey within the National Trade Framework Qualification in Electrical Engineering
Author: Tshingombe Tshitadi Fiston

📘 ABSTRACT
This paper explores the intersection of career discovery, open-access learning, and credential transparency within the context of electrical engineering. It synthesizes insights from RNF (Recognition of National Frameworks), AIU (Atlantic International University), and NSF (National Science Foundation) initiatives to scaffold a transdisciplinary learning journey aligned with South Africa's National Trade Framework. The study proposes a modular, portfolio-driven approach to vocational education, integrating diagnostics, digital publishing, and global benchmarking.

📌 SCOPE
• Electrical engineering education across formal, informal, and open-access platforms
• Credential alignment with SAQA/NQF, WA codes, and NSF SBIR/STTR frameworks
• Integration of AIU Guest Student modules into national qualification pathways
• Use of LMS, GitHub, and Internet Archive for portfolio documentation and career mapping
OVERVIEW
This work positions career discovery as a dynamic, data-driven process. It examines how learners can navigate trade qualifications through personalized learning paths, diagnostic assessments, and crede

Inventor

AUTHORY: TSHINGOMBE TSHITADI
CURRICULUM

Career Discovery Overview: RNF, AIU, NSF Learning Journey within the National Trade Framework Qualification in Electrical Engineering
Author: Tshingombe Tshitadi Fiston

📘 ABSTRACT
This paper explores the intersection of career discovery, open-access learning, and credential transparency withiRetail library collections (e.g., CNA, Shoprite) do not include modular casebooks for trade readiness and mentoring, missing a critical opportunity to democratize technical education.”

💡 Tips for Crafting Your Own
• Start with evidence or observation
• Define the gap or deficiency
• Highlight the impact on learners, educators, or institutions
• Point to the need for your specific solution
Would you like help drafting a custom problem statement for a specific funder or proposal section? I can also help you align it with your logic model or theory of change.

Application Type	Region
Continuing Application	South Africa
Status	
Granted	

Full Title

AUTHOR : TSHINGOMBE TSHITADI
CURRICULUM

Career Discovery: Security, Safety, Defense Facilitation, Government Bill Skill Development, CCMA Labour Levy, and Engineering Skill Integration
Author: Tshingombe Tshitadi Fiston

📌 SCOPE

This document investigates the intersection of national security facilitation, labour policy, and engineering skill development. It integrates CCMA labour frameworks, government bill implementatiour

Description

AUTHOR : TSHINGOMBE TSHITADI
CURRICULUM

Career Discovery: Security, Safety, Defense Facilitation, Government Bill Skill Development, CCMA Labour Levy, and Engineering Skill Integration
Author: Tshingombe Tshitadi Fiston

📌 SCOPE

This document investigates the intersection of national security facilitation, labour policy, and engineering skill development. It integrates CCMA labour frameworks, government bill implementation, and vocational engineering diagnostics to support career readiness and systemic reform in technical education.

📝 DESCRIPTION

The framework explores how security and defence-related competencies—such as safety audits, infrastructure diagnostics, and policy facilitation—can be scaffolded into credentialed engineering pathways. It includes analysis of CCMA labour levy systems, government skill development bills, and modular engineering training aligned with SAQA/NQF standards.

OVERVIEW SUMMARY

• Security & Safety: Risk assessment, compliance audits, and infrastructure protection
• Defence Facilitation: Technical support roles in public safety and emergency systems
• Government Bill Skills: Implementation of national training mandates and levy-funded programs
• CCMA Labour Levy: Workforce regulation, dispute resolution, and skill funding mechanisms
• Engineering Skills: Modular diagnostics, signal processing, and infrastructure simulation

This overview supports a transdisciplinary career model that blends policy, diagnostics, and technical education.

📊 DATA ANALYSIS

Domain	Data Source	Key Insights
CCMA Labour	Records	Dispute resolution logs	Skill gaps in regulated sectors
Government Skill	Bills	Legislative archives	Funding allocations and compliance
Safety	Audit Reports	Infrastructure diagnostics	Risk mitigation and training needs
Engineering	Training Logs	LMS and GitHub CI/CD	Credential mapping and skill indexing

🔍 INVESTIGATION

• Field analysis of CCMA dispute cases and skill levy outcomes
• Review of government bills on vocational training and safety compliance
• Diagnostic mapping of engineering modules to public safety roles
• Integration of security protocols into LMS and credential artifacts

⚖️ ADVANTAGESUIREMENTS (South Africa & UK Cont

Inventor

Career11tf discovery job trade memo lecture learn note.docx 35 MB

Career10f discovery job trade memo lecture learn note.docx 170 KB

HBXUmm-k.pdf 272 KB

kzEoOz5g.pdf 215 KB

SARAO-HCD-Diploma-in-Engineering-Technology-Scholarship-Programme-2026-Application-Guide.pdf 140 KB

y4yEC4lC.pdf 181 KB

Career8 security safety policy defended faciltor gov bill skill developmen ccma labour levy.docx2.docx 200 KB

PSSPF_Complaint-Form-2025.Individual.pdf 271 KB

pro rnf excell vba.xlsx 1.4 MB

home affairs documents cvs-1.pdf 3.6 MB

Career8 security safety policy defended faciltor gov bill skill developmen ccma labour levy.docx2(1).pdf 959 KB

Ucpd tshingombe fiston(2).docx 27 KB

Career 6 experience discovery tshingombe tshitadi.docx 35 MB

Career9f discovery job trade memo lecture learn note.docx 161 KB

Career11tf discovery job trade memo lecture learn note.pdf 31 MB

Application

Fellowship To Be Funded

Date Of Commencement 2025-04-10	Discipline Engineering
Faculty science engineering	Fellowship Professional Development Programme (PDP)
Is Fulltime Yes	Is Masters Degree Upgraded Yes
Is Service Contract Binding Yes	School Department engineering doctoral
Short Description engineering	Student Number 5200

What You Are Doing Presently
rsa on line atlatic ,saqa

Basic Information

Call Grant Year
2026

Funding Years Requested
1

Descriptive Title
Drafts Submitted Published Closed Submissions
Slides
thesis education technology ,alumni energy rural TEVET lecture under planing..Framework qualicafication nated ncv combination irregularity back log insurance assessment policy engineering studies Work experimental based regulation discovery Portfolio skill development rural energy low rules
tshingombe tshitadi, tshingombe tshingombe
REJECTED
Date: 03 Mar 2025
Slides
Thesis. Degree honor, council quality rules low become justice development court and labor relations conciliation mediation, Engineering electrical trade research policy skill ,safety security order develop ,defense order
tshingombe tshitadi
REJECTED
Date: 03 Mar 2025
Poster
_____ 4.1 .12.1.Name of thesis : implementation and framework national qualification and national trade examination circulum experimental job theoretical pratical college and government policy LMS in engineering studies science electrical businesses module: case studies rsa in dhet,saqa , St peace college
tshingombe tshitadi, tshingombe
REJECTED
Date: 03 Mar 2025
Article
Thesis master doctoral engineering electrical subject ciriculum framework qualicafition Education technology
tshingombe tshitadi, tshingombe kb
REJECTED
Date: 09 Feb 2025
Article
Research education technology and research engineer electrical master degree and honour framework qualification and trade master skill low test
tshingombe tshitadi
REJECTED
Date: 24 Jan 2025
Article
1 .1.1 *Thesis: * Research policy trade theory minimum : legislation skill development : honorable member certificate transcript outcome award
tshingombe tshitadi, tshingombekb@gmail.com tshingombekb@gmail.com, info@email.careersportal.co.za et al

Institution
CSIR - Future production: Manufacturing

Short Title
engineering rural master

Additional Information

engineering research field

Ethical Clearance

Does Project Require Ethical Clearance Yes	Has Ethical Clearance Obtained Yes
Additional Comments engin	Academic record/transcript images.png
Academic record/transcript images.png	

Details of Research

Nothing Captured

National Infrastructure Platform

National Infrastructure Platform Lookup CSIR – Materials Science and Manufacturing	Planned Usage engineering
Type Of Platform Data and equipment	

Science Engagement

Nothing Captured

Application Support Input

Role Host of Research	Initials ts
First Name tshingombe	Surname tshingombe
Email tshingombefiston@gmail.com	Has Responded Yes

Attachments

Submission Document
Eaton Classroom transcript tshingombe.pdf2.pdf

Attachment Document Type
Academic record/transcript

Submission Document
Preview - Call for Presentations - ISC2 Security Congress 2025 tshingombe.pdf

Attachment Document Type
Acceptance letter

Submission Document
thesi project book , final engineerin tshingombe , time table allocation job cost.pdf

Attachment Document Type
Supporting Documents

Reviewer

Type Of Reviewer Possible Reviewer	Title Mr
Surname tshingombe	Initials ts
First Name tshingombe	Email Address tshingombefiston@gmail.com
Institution South African Qualifications Authority (SAQA)	Specialisation Nanostructured materials and packaging
Indicate your association, if any, with the reviewer engineering	Indicate your reason for nominating the reviewer engineering manufacture relate technology

Preferred Panel

Discipline Engineering	Primary Panel Education and Learning Research
Secondary Panel Engineering (ENG)	

Funding History

Funding Organisation NSFAS funded	Is Intern Yes

Organisation Group
Current Organization

Other Sources of Funding

Funding Source Type
Research and Development Institution

Nature Of Contribution
engineering

Source
engineering